

data corresponding to a selected audio output mode from the audio memory, respectively, when each of the mode selecting keys is depressed while a predetermined audio output mode is selected by manipulation of the audio output key to control the data read out from the memory and the audio data read out from the audio memory so that the audio data is outputted as a voice through the audio processing section and the speaker.

REMARKS

Reconsideration of the application is respectfully requested. In the Office Action, all pending claims (Claims 1-11) were rejected, and Claims 4, 6 and 10 were additionally objected to. Particularly, Claims 4, 6 and 10 were objected to because the Examiner was confused as to whether the term "bell/vibration" meant "bell and vibration" or "bell or vibration." Claims 1, 8, 9, and 11 were rejected under 35 U.S.C. 102(e) as allegedly being anticipated by U.S. Patent No. 6,377,820 ("Courtis et al."). Claim 2 was rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Courtis et al. in view of U.S. Patent No. 6,374,125 ("Toba"). Claim 3 was rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Courtis et al. in view of Toba, and in further view of U.S. Patent No. 6,061,718 ("Nelson"). Claims 4-7 and 10 were rejected under 35 U.S.C. 103(a) as allegedly being unpatentable over Courtis et al. in view of Toba, in view of Nelson, and in further view of U.S. Patent No. 6,132,453 ("Sainton et al.").

Courtis et al. discloses a radio telephone with a headset having a user actuatable switch and an earpiece. Courtis et al. includes circuitry for responding to the operation of the headset

by the user to select a telephone number stored in the radio telephone. Curtis et al. also discloses outputting voice tags through the earpiece of a headset sequentially and dialing a telephone number associated with a user selected output voice tag. Curtis et al.'s device further allows the user to store voice tags, names and telephone numbers using the headset. That is, Curtis et al. discloses that the voice input and associated data is received by the microprocessor via the headset interface and is recorded as voice tag, name and telephone number in the next available memory location of the EEPROM.

Toba discloses a voice recognizer for recognizing a voice entry for requesting reception/transmission history and providing the reception/transmission history to the requestor. Nelson discloses an e-mail delivery system that converts e-mail messages sent to the subscriber station from text to speech for delivery to the subscriber station. Sinton et al. discloses a radio apparatus for allowing users to define criteria for wireless communications. This apparatus includes a control circuitry that can actuate an alarm which may be an audible alarm such as a beeping or a vibration generator.

The present application discloses a device and method for outputting as audio data the information displayed on a display section of portable telephones in response to the selection of a user. Examples of the displayed information include the current time, received message, electric field strength of the antenna on the device, and information regarding bell/vibration mode.

With regard to the claim objections, Claims 4-7 and 10 are amended to recite one or

both of bell and vibration mode. It is submitted that originally recited "bell/vibration" means either bell or vibration, or both bell and vibration. Accordingly, and pursuant to the conversation with the Examiner on August 21, 2002, the claims have been amended to recite one or both of bell and vibration.

With regard to the claim rejections, Applicant respectfully traverses the rejections. With regard to Claims 1, 8, 9, and 11, it is submitted that Courtis et al. does not disclose or suggest every element claimed. For example, Claims 1 and 11 recite "when said audio output mode is selected ... reading out the data displayed in the display section." Similarly, Claims 8 and 9 recite "detecting data displayed on the display section ... reading out audio data ... corresponding to the data information displayed on the display section." Courtis et al. discloses outputting stored voice tags for the user to select a telephone number for dialing. The paragraphs of Courtis et al., which the Office Action cites, only disclose that these voice tags and corresponding telephone numbers may be pre-input and pre-stored by pressing a button and speaking the voice tags and telephone numbers into a microphone. Courtis et al. does not disclose or suggest "reading out the data displayed in the display section" as claimed in Claims 1 and 11. Further, Courtis et al. does not disclose or suggest "detecting data displayed on the display section" as claimed in Claims 8 and 9. Accordingly, it is submitted that Claims 1, 8, 9, and 11 are patentable over Courtis et al. for at least the foregoing reasons.

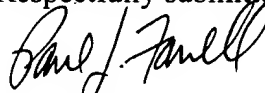
With regard to independent Claims 6 and 10, and dependent Claims 2-5 and 7, which were rejected over Courtis et al. in view of one or more of Toba, Nelson, and Sainton et al., it is

submitted that Courtis et al., Toba, Nelson, and Sinton et al., alone or in combination, do not disclose or suggest the claimed elements. For example, it was discussed above that Courtis et al. does not disclose or suggest reading out data displayed in the display section. The combination of Toba, Nelson, and Sinton et al. fails to cure this defect in Courtis et al. Further, it is submitted that Toba fails to disclose or suggest "a time mode" as claimed in Claims 2-5, 6, 7, and 10. The paragraphs of Toba, which the Office Action cites, discloses that Toba's device includes calendar information such as date and time for the reception history data. Toba does not disclose or suggest switching "into a time mode," and combination of Nelson and Sinton et al. fails to cure this defect in Toba. Accordingly, it is submitted that for at least the foregoing reasons, Claims 2-7 and 10 are patentable over the cited references.

Attached is a marked-up version of the changes made to the claims by the current amendment according to 37 C.F. R. §1.121. The attached page is captioned "Version with Markings to Show Changes Made."

Applicant believes that Claims 1-11 are in condition for allowance. If the Examiner has any questions regarding this communication or feels that an interview would be helpful in prosecuting this application, the Examiner is requested to contact the undersigned.

Respectfully submitted,



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Version with Markings to Show Changes Made

IN THE CLAIMS:

Please amend Claims 4-7 and 10 as follows.

4. (Once Amended) The device according to claim 3 further comprising one or both of [a] bell[/] and vibration mode selecting key for switching the audio output mode of the portable telephone into one or both of [a] bell[/] and vibration mode while the audio output mode is switched into the received message mode thereof, wherein one or both of [a] bell[/] and vibration data displayed on the display section of the portable telephone is read out from the memory and one or both of [a] bell[/] and vibration audio data corresponding to the one or both of bell[/] and vibration data is read out from the audio memory in response to depression of the one or both of bell[/] and vibration mode selecting key so that the read out- one or both of bell[/] and vibration audio data is outputted as said voice through the audio processing section and then the speaker.

5. (Once Amended) The device according to claim 4 further comprising an antenna receiving electric field strength mode selecting key for switching the audio output mode of the portable telephone into an antenna receiving electric field strength mode while the audio output mode is switched into the one or both of bell[/] and vibration mode, wherein an antenna receiving electric field strength data displayed on the display section of the portable telephone is read out from the memory and an antenna receiving electric field strength audio data

corresponding to the antenna receiving electric field strength data is read out from the audio memory in response to depression of the antenna receiving electric field strength mode selecting key so that the read out- antenna receiving electric field strength audio data is outputted as said voice through the audio processing section and then the speaker.

6. (Once Amended) A device for audio outputting display data information displayed on a display section of a portable telephone, comprising:

an audio output key adapted to select an audio output mode of the portable telephone;

a time mode selecting key adapted to switch the audio output mode of the portable telephone into a time mode while the audio output mode of the portable telephone is selected in response to depression of the audio output key;

a received message mode selecting key adapted to switch the audio output mode of the portable telephone into a received message mode while the audio output mode is switched into the time mode;

[a] one or both of bell[/] and vibration mode selecting key adapted to switch the audio output mode of the portable telephone into [a] one or both of bell[/] and vibration mode while the audio output mode is switched into the received message mode;

an antenna receiving electric field strength mode selecting key adapted to switch the audio output mode of the portable telephone into an antenna receiving electric field strength mode while the audio output mode is switched into the one or both of bell[/] and vibration

mode;

a memory adapted to store each data displayed on the display section of the portable telephone;

an audio memory adapted to store each audio data corresponding to the audio output mode of the portable telephone;

an audio processing section adapted to modulate an audio signal inputted from a microphone for conversion to an audio data, and demodulate an audio data inputted from an RF processing section and the audio data stored in the audio memory to an audio signal to output the demodulated audio signal as a voice through a speaker; and

a control section adapted to read out the data displayed in the display section from the memory and the audio data corresponding to a selected audio output mode from the audio memory, respectively, when each of the mode selecting keys is depressed while a predetermined audio output mode is selected by manipulation of the audio output key to control the data read out from the memory and the audio data read out from the audio memory so that the audio data is outputted as a voice through the audio processing section and a speaker.

7. (Once Amended) The device according to claim 6, wherein the audio output key, the time mode selecting key, the received message mode selecting key, the one or both of bell[/] and vibration mode selecting key, and the antenna receiving electric field strength mode

selecting key are constructed as a single multi-function key which includes a function of each of the mode selecting keys.

10. (Once Amended) A method of outputting, as a voice, data information displayed on a display section of a portable telephone including an audio output key, a time mode selecting key, a received message mode selecting key, [a] one or both of bell[/] and vibration mode selecting key, and an antenna receiving electric field strength mode selecting key comprising the steps of:

selecting an audio output mode of the portable telephone;

switching the audio output mode of the portable telephone into a time mode in response to depression of the time mode selecting key while the audio output mode of the portable telephone is selected in response to depression of the audio output key;

switching the audio output mode of the portable telephone into a received message mode in response to depression of the received message mode selecting key while the audio output mode is switched into the time mode;

switching the audio output mode of the portable telephone into a one or both of bell[/] and vibration mode in response to depression of the one or both of bell[/] and vibration mode selecting key while the audio output mode is switched into the received message mode;

switching the audio output mode of the portable telephone into an antenna receiving electric field strength mode in response to depression of the antenna receiving electric field

strength mode selecting key while the audio output mode is switched into the one or both of
bell[/] and vibration mode;

storing each data displayed on the display section of the portable telephone in a
memory;

storing each audio data corresponding to the audio output mode of the portable
telephone in an audio memory;

modulating an audio signal inputted from a microphone for conversion to an audio data,
and demodulating an audio data inputted from an RF processing section and the audio data
stored in the audio memory to an audio signal through an audio processing section to output the
demodulated audio signal as voice through a speaker; and

reading out the data displayed in the display section from the memory and the audio
data corresponding to a selected audio output mode from the audio memory, respectively, when
each of the mode selecting keys is depressed while a predetermined audio output mode is
selected by manipulation of the audio output key to control the data read out from the memory
and the audio data read out from the audio memory so that the audio data is outputted as a voice
through the audio processing section and the speaker.